IN THE CLAIMS

Claims 1-11 (Canceled).

12 (Currently Amended).   A computer readable medium storing instructions that cause a processor-based system to:

  cause a measurement of [[the]] ambient white light intensity to be taken;

  illuminate a plurality of lights, each of a different wavelength;

  cause a measurement to be taken of the intensity of each of said lights together with the white light intensity; and

  calibrate [[said]] a digital camera for the ambient lighting conditions using said measurement.

Claim 13 (Canceled).

14 (Previously Presented).   The medium of claim 12 further storing instructions that cause a processor-based system to automatically cause measurements of the white light intensity to be taken in response to the detection of a change in ambient light conditions.

15 (Previously Presented).   The medium of claim 12 further storing instructions that cause a processor-based system to cause a measurements to be taken of the light transmitted by a light emitting element coupled to said camera.

16 (Previously Presented).   The medium of claim 12 further storing instructions that cause a processor-based system to use pattern recognition techniques to locate an external calibration device.

17 (Previously Presented).   The medium of claim 12 further storing instructions that cause a processor-based system to measure the white light reflected by an external device and identify indicia on said external device containing information about the optical characteristics of said external device.

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18 (Previously Presented).   The medium of claim 12 further storing instructions that cause a processor-based system to measure the light transmitted though a device coupled to said camera and capture information recorded on said device about the optical characteristics of said device.

Claims 19-31 (Canceled).

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